

CLAIMS

1. A system for controlling information relating to a vehicle (10) in
5 which a chip card, containing the information relating to the criteria
which the vehicle must satisfy according to the regulations in force,
can be inspected by any authorised person (14) in order to carry out
the controlling of static and/or dynamic information relating to said
vehicle using a data input device,
10 said system being characterised in that said chip card is a
contactless chip card (12) placed permanently inside said vehicle
and said data input device (16) includes a contactless card reader
adapted to remotely read the information recorded in said card and
a display screen onto which said information is displayed.
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2. The system according to Claim 1, in which the static information
contained in said contactless chip card (12) includes the type of
vehicle, the registration number, the identification number, the
insurance contract number and its validity.
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3. The system according to Claim 1, in which said contactless chip
card further contains dynamic information relating to the distance
covered by said vehicle (10) over a set period of time, for example, a
day, as is the case with heavy goods vehicles.
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4. The system according to one of Claims 1 to 3, further including one
or more administration centres (22, 24, 26) to which said data input
device (16) can be connected, said centres being authorised to
administer the various static and/or dynamic information relating to
30 said vehicle (10).

5. The system according to Claim 4, in which said data input device (16) has connection means enabling it to connect to each of said centres (22, 24, 26) through a cellular telephone network (18) and a server (20).
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6. The system according to Claim 5, in which the information contained in said contactless chip card (12) is associated with codes identifying it, said codes being provided by said card upon each inspection of said card and said data input device being
- 10 authorised to request information associated with one or more of said codes.
7. The system according to Claim 6, in which said data input device (16) requests the data associated with one or more of said codes by
- 15 transmitting the selected codes to said contactless chip card (12) after encryption using a private key (CPRI-PDAS) common to all of the data input devices, said card decrypting the received encrypted data using the common public key associated with said common private key.
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8. The system according to Claim 7, in which each code contains one bit, the 0 or 1 value of which determines the need to encrypt the data associated with said code during the transmission of said data by said contactless chip card (12), the encryption being carried out
- 25 using the public key (CPUB-PDA) specific to said data input device (16), the encrypted data being decrypted by said data input device using the private key associated with said public key.
9. The system according to Claim 6, 7 or 8, in which the data
- 30 messages transmitted between said data input device (16) and said card (12) include a data field and a signature resulting from hashing

of said data field and encryption of the result by the private key of the sender, the card or the data input device.

- 5 10. The system according to any one of the preceding claims, in which
said data input device (16) includes a keyboard or a voice
recognition means or a selective research means enabling said
authorised person (14) to record, in a ticket card, the parameters of
a ticket when the information provided by said contactless chip
card (12) do not comply with the regulations in force, said ticket
10 card being then clipped onto the windscreen-wiper arm of said
vehicle (10).